Martin's®

CONTROLS:

Fleas

Flies*

Mosquitoes

# PYSTOL™

MAKES UP TO 55 GALLONS of solution for misting systems

## MISTING CONCENTRATE

- Fast Knockdown and Control
- Kills & Repels House flies*, Stable flies*, Horse flies*, Black flies*, Deer flies*, Fruit flies*, Horn flies*, Mosquitoes, Gnats, Bott flies*, Biting and Non-Biting Midges, Face flies* and Fleas

| **ACTIVE INGREDIENTS:** | |
|---|---|
| Pyrethrins: | 0.55% |
| * Piperonyl Butoxide, Technical: | 5.50% |
| ** Permethrin: (3-phenoxyphenyl) methyl (+1-) cis/trans 3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate | 1.10% |
| **INERT INGREDIENTS :** | 92.85% |
| **TOTAL:** | 100.00% |

* Equivalent to 4.4% (butylcarbityl)(6-propylpiperonyl) ether and 1.1% related compounds.

** Cis/trans ratio: Max. 65% (+1-) trans and min. 35% (+1-) cis.

A **CONTROL SOLUTIONS INC.** PRODUCT

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See Back Panel for Additional Precautionary Statements

NET CONTENTS: **2.5 GALLON**

# PYSTOL™
## Misting Concentrate

## FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International for emergency medical treatment at (866) 897-8050.

| | |
|---|---|
| **If swallowed** | • Call poison control center or doctor immediately for treatment advice.<br>• Have person sip a glass of water if able to swallow.<br>• Do not induce vomiting unless told to do so by the poison control center or doctor.<br>• Do not give anything by mouth to an unconscious person. |
| **If in eyes** | • Hold eye open and rinse slowly and gently with water for 15 20 minutes.<br>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.<br>• Call a poison control center or doctor for treatment advice. |
| **If inhaled** | • Move person to fresh air.<br>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.<br>• Call a poison control center or doctor for further treatment advice. |
| **If on skin or clothing** | • Take off contaminated clothing.<br>• Rinse skin immediately with plenty of water for 15-20 minutes.<br>• Call a poison control center or doctor for treatment advice. |

## PRECAUTIONARY STATEMENTS
## HAZARDS TO HUMANS & DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. Drift or runoff may adversely affect fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## DILUTION CHART

Dilute before using following the recommendations in the chart below. Mix thoroughly before application. Repeat treatments only as necessary to maintain control.

| Total Spray Volume | Amount of PYSTOL Misting Concentrate Insecticide | Amount of Water |
|---|---|---|
| 1 gallon | 5.8 fl. oz. | 7 pints + 10.2 fl. oz. |
| 2 gallons | 11.6 fl.oz. | 1 gallon + 7 pints + 10.2 fl. oz. |
| 5 gallons | 1 pint + 13.1 fl. oz. | 4 gallons + 3 quarts + 2.9 fl. oz. |
| 10 gallons | 3 pints + 10.2 fl. oz. | 9 gallons + 2 quarts + 5.8 fl. oz. |
| 30 gallons | 1 gallon + 1 quart + 14.5 fl. oz. | 28 gallons + 5 pints + 1.5 fl. oz. |
| 55 gallons | 2 gallons + 2 quarts | 52 gallons + 2 quarts |

**INDOOR SPACE SPRAYS**

Use in horse barns, dog kennels, and zoo animal quarters to kill and repel House flies, Stable flies, Horse flies, Black Flies, Deer flies, Fruit flies, Horn flies, Mosquitoes, Gnats, Bott flies, Biting and Non-biting Midges, Face flies and fleas.

**Use Restrictions:**

- Do not allow people to remain in treatment areas (horse barns, dog kennels & zoo animal quarters) while treatment is in progress.
- Before allowing personnel to re-enter, the treated area must be thoroughly ventilated.
- Do not use in commercial food/feed handling establishments, restaurants, or other areas where food is commercially prepared or processed.

Apply as a space spray at a rate of 1 fluid ounce diluted product per 1000 cubic feet of area using an automatic spray system. Refer to the system user manual for specific instructions. Spray nozzles should be adjusted to deliver a fine mist or fog to the entire area to be treated. Do not program automatic spraying systems to release pesticide where food or feed is directly exposed.

**NOTE: Do not apply this product to horses intended for slaughter or human consumption. Do not apply this product in horse barns (stables) where horses intended for slaughter or human consumption will be maintained.**

**OUTDOOR SPRAYS**

Use as an outdoor spray for the temporary reduction of House flies, Stable flies, Horse flies, Black Flies, Deer flies, Fruit flies, Horn flies, Mosquitoes, Gnats, Bott flies, Biting and Non-biting Midges, Face flies and fleas on and around homes, patios, tennis courts, pool areas, beach houses, and lawn areas.

**Use Restrictions:**

- Not registered for use in Residential Automatic Mosquito Misting Systems in the State of New York.

**NOTE:** Installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority(ies) where they are installed.

**Application in Outdoor Residential Misting Systems:**

Apply PYSTOL Misting Concentrate as an area spray at a rate not to exceed 1.25 fluid ounces of diluted product per minute with each nozzle covering 100 square feet (approximately 1000 cubic feet) using an automatic spray system. Refer to the system user manual for specific instructions. Adjust spray nozzles to deliver a fine mist or fog.

For use only in systems that have been calibrated to apply no more than the maximum applications rate of 0.25 grams of Permethrin per 1,000 cubic feet per day (equal to 0.13 gallons of PYSTOL Misting Concentrate dilution per 1,000 cubic feet per day).

If the system has a reservoir tank for the end dilution, the reservoir tank must be locked. The PYSTOL Misting Concentrate label along with a dilution statement ("The container holds 1 part PYSTOL Misting Concentrate to 21 parts water") must be securely attached to the system reservoir tank in a protected area or plastic sleeve. If used in a direct injection system the pesticide container must be locked. Securely attach the PYSTOL Misting Concentrate label to the pesticide container in a weather protected area or plastic sleeve.

Program automatic spray systems so as not to activate and/or release when people, pets, and food or feed are present. For control of drift and runoff, a rain sensor and a wind sensor should be installed on the system. Direct nozzles to spray towards the treatment area. Do not spray towards cooking and eating areas, swimming pools, or water bodies. Activate and deactivate manually the automatic spray system 30 minutes to an hour before outdoor activity is planned, but not when people, pets, or food are in the treatment area. Do not use in an evaporative cooling system.

**Application With Handheld Sprayers:**

For residual treatment of vegetation or other surfaces apply the diluted product at a rate of 6 to 12 fl. oz. per 1,000 sq. ft. of area. Use only equipment that produces coarse, non-ULV sprays. Do not apply with handheld or truck mounted aerosol ULV sprayers and thermal fogging devices. Not for wide area mosquito adulticide use.

## STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Keep in a cool, dry area preferably locked and away from children and pets. Do not store below 32°F (0°C). In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:**

**For Containers equal to or less than 5 Gallons :** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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Manufactured By:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

EPA Reg. No. 53883-243
EPA Est. No. 53883-TX-002